WHI Baseline and Follow-Up Data

Core Analyte Results

Data File: core_ct_pub   **File Date:** 07/18/2007 **Structure:** Multiple rows per participant **Population:** Subsample of CT participants

Participant ID

Variable # 1	**Usage Notes:** none
Sas Name: ID	
Sas Label: Participant ID	**Categories:** Study: Administration
Type: Continuous	

Core Analyte Days since randomization/enrollment

Number of days from randomization/enrollment to date of blood draw.

Variable # 2	**Usage Notes:** none
Sas Name: COREDAYS	
Sas Label: Core Days since randomization/enrollment	**Categories:** Study: Administration
Type: Continuous	

Core Analyte Visit type

Variable # 3	**Usage Notes:** none
Sas Name: COREVTYP	
Sas Label: Visit Type	**Categories:** Study: Administration
Type: Categorical	

Values

1	Screening Visit
2	Semi-Annual Visit
3	Annual Visit
4	Non-Routine Visit

Core Analyte Visit year

Visit year for which the draw used for core analytes was collected.

Variable # 4	**Usage Notes:** none
Sas Name: COREVY	
Sas Label: Visit year	**Categories:** Study: Administration
Type: Continuous	

Core Closest to visit within visit type and year

For data with the same visit type and year, indicates the data closest to that visit's target date. Valid for data entered with an annual or semi-annual visit type.

Variable # 5	**Usage Notes:** See data preparation document.
Sas Name: COREVCLO	
Sas Label: Closest to visit within visit type and year	**Categories:** Study: Administration
Type: Categorical	

Values

0	No
1	Yes

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Core Analytes expected for visit

This data was expected for this visit. Core Analytes were expected of CT participants in the blood subsample at baseline and at years 1, 3, and 6. Core Analytes were expected for OS participants in the OS Measurement Precision Study (OS-MPS) at baseline and at a non-routine visit between 1 and 180 days after enrollment.

Variable # 6	**Usage Notes:** none
Sas Name: COREEXPC	
Sas Label: Expected for visit	**Categories:** Study: Administration
Type: Categorical	

Values

0	No
1	Yes

Core Analyte Draw time

Time blood was drawn in military time. Format HH24:MI (e.g. 13:20). Descriptive statistics (min, max, mean, sd) are presented as "seconds past midnight".

Variable # 7	**Usage Notes:** none
Sas Name: DRAWTIME	
Sas Label: Draw time	**Categories:** Clinical Tests: Blood
Type: Continuous	

Core Analyte Centrifuge time

Time that centrifuging of blood began in military time. Format HH24:MI (e.g. 13:20). Descriptive statistics (min, max, mean, sd) are presented as "seconds past midnight".

Variable # 8	**Usage Notes:** none
Sas Name: CFUGTIME	
Sas Label: Centrifuge time	**Categories:** Clinical Tests: Blood
Type: Continuous	

Core Analyte Cryovial time

Time blood placed into cryovials in military time. Format HH24:MI (e.g. 13:20). Descriptive statistics (min, max, mean, sd) are presented as "seconds past midnight".

Variable # 9	**Usage Notes:** none
Sas Name: VIALTIME	
Sas Label: Cryovial time	**Categories:** Clinical Tests: Blood
Type: Continuous	

Core Analyte Freeze time

Time cryovials placed in freezer in military time. Format HH24:MI (e.g. 13:20). Descriptive statistics (min, max, mean, sd) are presented as "seconds past midnight".

Variable # 10	**Usage Notes:** none
Sas Name: FREZTIME	
Sas Label: Freeze time	**Categories:** Clinical Tests: Blood
Type: Continuous	

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Core Analyte Fasting hours

Number of hours since had anything to eat or drink besides water before blood draw.

Variable #	11	**Usage Notes:** none	
Sas Name:	FASTHRS		
Sas Label:	Fasting hours	**Categories:**	Clinical Tests: Blood
Type:	Continuous		

Core Analyte Vigorous activity in last 8 hours

Engaged in vigorous physical activity in last eight hours before blood draw.

Variable #	12	**Usage Notes:** none	
Sas Name:	VIGACT		
Sas Label:	Vigorous activity in last 8 hours	**Categories:**	Clinical Tests: Blood
Type:	Categorical		

Values

0	No
1	Yes

Core Analyte Anti-inflammatory use in last 48 hrs

Took aspirin or anti-inflammatory agents in last 48 hours before blood draw.

Variable #	13	**Usage Notes:** none	
Sas Name:	ANTIINFL		
Sas Label:	Anti-inflammatory use in last 48 hours	**Categories:**	Clinical Tests: Blood
Type:	Categorical		

Values

0	No
1	Yes

Core Analyte Serum is lipemic

For HRT and HRT + DM screening visit and annual visits. Serum is lipemic.

Variable #	14	**Usage Notes:** none	
Sas Name:	LIPEMIC		
Sas Label:	Serum is lipemic	**Categories:**	Clinical Tests: Blood
Type:	Categorical		

Values

0	No
1	Yes

Core Analyte Alpha-Carotene (ug/ml)

Variable #	15	**Usage Notes:** none	
Sas Name:	COREACAR		
Sas Label:	Core Alpha-Carotene (ug/ml)	**Categories:**	Clinical Tests: Blood
Type:	Continuous		

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Core Analyte Alpha-Tocopherol (ug/ml)

Variable # 16	**Usage Notes:** none	
Sas Name: COREATOC		
Sas Label: Core Alpha-Tocopherol (ug/ml)	**Categories:** Clinical Tests: Blood	
Type: Continuous		

Core Analyte Beta-Carotene (ug/ml)

Variable # 17	**Usage Notes:** none	
Sas Name: COREBCAR		
Sas Label: Core Beta-Carotene (ug/ml)	**Categories:** Clinical Tests: Blood	
Type: Continuous		

Core Analyte Beta-Cryptoxanthine (ug/ml)

Variable # 18	**Usage Notes:** none	
Sas Name: COREBCXA		
Sas Label: Core Beta-Cryptoxanthine (ug/ml)	**Categories:** Clinical Tests: Blood	
Type: Continuous		

Core Analyte Factor VII Antigen, activity (%)

Variable # 19	**Usage Notes:** none	
Sas Name: COREF7AG		
Sas Label: Core Factor VII Antigen, activity (%)	**Categories:** Clinical Tests: Blood	
Type: Continuous		

Core Analyte Factor VII concentration (%)

Variable # 20	**Usage Notes:** none	
Sas Name: COREF7C		
Sas Label: Core Factor VII concentration (%)	**Categories:** Clinical Tests: Blood	
Type: Continuous		

Core Analyte Fibrinogen (mg/dl)

Variable # 21	**Usage Notes:** none	
Sas Name: COREFIBR		
Sas Label: Core Fibrinogen (mg/dl)	**Categories:** Clinical Tests: Blood	
Type: Continuous		

Core Analyte Glucose (Mg/dl)

Variable # 22	**Usage Notes:** none	
Sas Name: COREGLUC		
Sas Label: Core Glucose (Mg/dl)	**Categories:** Clinical Tests: Blood	
Type: Continuous		

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Core Analyte Results

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Core Analyte Gamma-Tocopherol (ug/ml)

Variable #	23	**Usage Notes:**	none
Sas Name:	COREGTOC		
Sas Label:	Core Gamma-Tocopherol (ug/ml)	**Categories:**	Clinical Tests: Blood
Type:	Continuous		

Core Analyte High-Density Lipoprotein-2 (Mg/dl)

Variable #	24	**Usage Notes:**	none
Sas Name:	COREHDL2		
Sas Label:	Core High-Density Lipoprotein-2 (Mg/dl)	**Categories:**	Clinical Tests: Blood
Type:	Continuous		

Core Analyte High-Density Lipoprotein-3 (Mg/dl)

Variable #	25	**Usage Notes:**	none
Sas Name:	COREHDL3		
Sas Label:	Core High-Density Lipoprotein-3 (Mg/dl)	**Categories:**	Clinical Tests: Blood
Type:	Continuous		

Core Analyte High-Density Lipoprotein Chol (Mg/dl)

High-Density Lipoprotein Cholesterol

Variable #	26	**Usage Notes:**	none
Sas Name:	COREHDLC		
Sas Label:	Core HDL Cholesterol (Mg/dl)	**Categories:**	Clinical Tests: Blood
Type:	Continuous		

Core Analyte Insulin (uIU/ml) (RIA method)

Variable #	27	**Usage Notes:**	The insulin test for the core analytes changed. The majority of insulin testing used the RIA method. Later testing, however, used an automated ES300 method. Therefore, insulin results are split into two separate variables, dependent on the method used, RIA or ES300. The ES300 and RIA methods gave comparable results at insulin levels that WHI participants were likely to have, but the correlation between the ES300 and RIA methods was less good when insulin values exceeded 60 uIU/ml.
Sas Name:	COREINSU		
Sas Label:	Core Insulin (uIU/ml) (RIA method)		
Type:	Continuous		
		Categories:	Clinical Tests: Blood

Core Analyte Insulin (uIU/ml) (ES300 method)

Variable #	28	**Usage Notes:**	The insulin test for the core analytes changed. The majority of insulin testing used the RIA method. Later testing, however, used an automated ES300 method. Therefore, insulin results are split into two separate variables, dependent on the method used, RIA or ES300. The ES300 and RIA methods gave comparable results at insulin levels that WHI participants were likely to have, but the correlation between the ES300 and RIA methods was less good when insulin values exceeded 60 uIU/ml.
Sas Name:	COREINSU2		
Sas Label:	Core Insulin (uIU/ml) (automated ES300 method)		
Type:	Continuous		
		Categories:	Clinical Tests: Blood

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Core Analyte Low-Density Lipoprotein Chol (Mg/dl)

Low-Density Lipoprotein Cholesterol

Variable # 29	**Usage Notes:** none	
Sas Name: CORELDLC		
Sas Label: Core LDL Cholesterol (Mg/dl)	**Categories:** Clinical Tests: Blood	
Type: Continuous		

Core Analyte Apolipoprotein(a) (Mg/dl)

Variable # 30	**Usage Notes:** none	
Sas Name: CORELPA		
Sas Label: Core Apolipoprotein(a) (Mg/dl)	**Categories:** Clinical Tests: Blood	
Type: Continuous		

Core Analyte Lycopene (ug/ml)

Variable # 31	**Usage Notes:** none	
Sas Name: CORELYCP		
Sas Label: Core Lycopene (ug/ml)	**Categories:** Clinical Tests: Blood	
Type: Continuous		

Core Analyte Lutein and Zeaxanthin (ug/ml)

Variable # 32	**Usage Notes:** none	
Sas Name: CORELZXA		
Sas Label: Core Lutein and Zeaxanthin (ug/ml)	**Categories:** Clinical Tests: Blood	
Type: Continuous		

Core Analyte Retinol (ug/ml)

Variable # 33	**Usage Notes:** none	
Sas Name: CORERETI		
Sas Label: Core Retinol (ug/ml)	**Categories:** Clinical Tests: Blood	
Type: Continuous		

Core Analyte Total Cholesterol (Mg/dl)

Variable # 34	**Usage Notes:** none	
Sas Name: CORETCHO		
Sas Label: Core Total Cholesterol (Mg/dl)	**Categories:** Clinical Tests: Blood	
Type: Continuous		

Core Analyte Triglyceride (Mg/dl)

Variable # 35	**Usage Notes:** none	
Sas Name: CORETRI		
Sas Label: Core Triglyceride (Mg/dl)	**Categories:** Clinical Tests: Blood	
Type: Continuous		